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In re

Patent Application of

Youngquist, et al.

Application No. 09/980,405

Filed: November 30, 2001

Examiner: Not Yet Assigned

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COMPOUNDS"

I, Mary A. Kocaja, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on the date of my signature.

Mary A. Kocaja
Signature

10/31/02
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

Gregory J. Hartwig
Gregory J. Hartwig
Reg. No. 46,761

File No. 092271-9012-01

Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Milwaukee, Wisconsin 53202-4108

(414) 271-6560

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Substitute of form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT NOV 04 2002 (use as many sheets as necessary)		Complete if Known	
		Application Number	09/980,405
		Filing Date	November 30, 2001
		First Name Inventor	Youngquist
		Group Art Unit	
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	092271-9012-00

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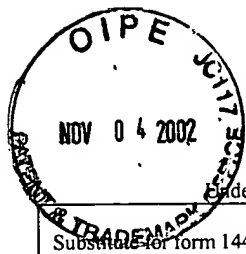
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U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	4,711,855	Feinberg	12/8/1987
	5,061,798	Emmett, et al.	10/29/1991
	5,284,971	Walker	2/8/1994
	5,401,772	Yokoyama	3/28/1995
	5,654,468	Yokoyama et al.	8/5/1997
	5,807,820	Elias	9/15/1998
	5,883,294	Scanlan et al.	3/16/1999
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Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	DE	1617477	Fisher, et al.	1/8/1970
	GB	2138286	Mortimer	10/24/1984
	GB	859546	Hellbaum	10/11/1968
	FR	2755965	Galderma	5/22/1998
	JP	61165311	Kinji Takeo	7/26/1986
	EP	0749752		12/27/1996
	WO	0000468		1/6/2000
	EP	0123528	Mortimer	09/09/1987



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Sheet	2	of	2	Attorney Docket Number	092271-9012-01
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Attorney Docket Number	092271-9012-01

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		"Hair Growth-Stimulating Effects of Cyclosporin A and Fk506, Potent Immunosuppressants", Journal of Dermatological Service, Vol. 7 (suppl.), pgs. S47-S54 (1994).
		"Hair Growth Modulation by Topical Immunophilin Ligands", American Journal of Pathology, Vol. 150, No. 4, pp. 1433-1441 (April, 1997).
		"Hair Growth Control by Immunosuppression", Archives of Dermatological Research, Vol. 288, No. 7, pgs. 408-410 (1996).
		Cyclosporin A, PSC 833 and FK 506, but not Cyclosporin H and Rapamycin, Induce Anagen and Inhibit Catagen in Murine Skin", The Journal of Investigative Dermatology, Vol. 101, No. 3, p. 420 (1993).
		"Cyclosporin A, FK 506 and Related Drugs as Tools for Hair Research", Archives of Dermatological Research, Vol. 285, Nos. 1-2, p. 80 (1993).
		"Cyclosporins - New Analogues by Precursor Directed Biosyntheses", The Journal of Antibiotics, Vol. 42, No. 4, pp. 591-597 (1989).
		N Yokoyama: "Synthesis and structure-activity relationships of oxamic acid and acetic acid derivatives related to L-threonine" Journal of Medicinal Chemistry, US, American Chemical Society, Washington, Vol. 38, No. 4, 1 January 1995, Pgs. 695-707.
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Sheet

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1

Complete if Known**Application Number**

09/980,405

Filing Date

11-30-2001

First Named Inventor

Youngquist

Group Art Unit

Examiner Name

Not Yet Assigned

Attorney Docket Number

092271-9012

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		Examiner Name	Not Yet Assigned
		Attorney Docket Number	092271-9012
Sheet	1	of	13

U.S. PATENT DOCUMENTS

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	5,773,663	Rehing, et al.	6/30/1998
	5,580,722	Liechtfried, et al.	12/3/1996
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	WO	9857919	University of California	12/23/1998
	WO	9420062	Ballas, et al.	9/15/1994
	JP	2300148	Tanabe Seiyaku	12/12/1990
	EP	0379935	Tanabe Seiyaku	8/1/1990
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	JP	63146845	Tanabe Seiyaku	6/18/1988
	EP	251315	Tanabe Seiyaku	1/7/1988
	EP	188248	Tanabe Seiyaku	7/23/1986
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FOREIGN PATENT DOCUMENTS

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	JP	04368379	Tokyo Shib.	12/21/1992
	DE	4214313		11/5/1992
	EP	498707	Oreal	8/12/1992
	WO	9212635	Oncogene Sci. Inc.	8/6/1992
	JP	4052646	Mitsubishi Kasei	2/20/1992
	EP	0454165	Hitachi Ltd.	10/30/1991
	WO	9101379	Oncogene Sci.	2/7/1991
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	EP	0360701	Rhone Poulenc	3/28/1990
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	JP	62150245	Japan Synthetic	7/4/1987
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	FR	2543434	Muller	10/5/1984
	JP	59041343	Chisso KK	3/7/1984
	PL	119115	University of Mikoloja	11/30/1981
	EP	51023	Socieke de Rech	5/5/1982
	DE	2014514	Merck	10/8/1970

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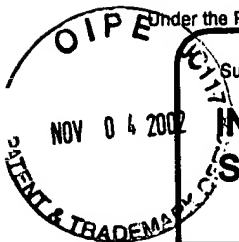
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/980,405	
			Filing Date	11-30-2001	
			First Named Inventor	Youngquist	
			Group Art Unit		
			Examiner Name	Not Yet Assigned	
			Attorney Docket Number	092271-9012	
Sheet	3	of	13		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		YOSHIHARA, et al., Bioorg. Med. Chem. (1998), pp. 1179-1183, 6 (8).	
		CHIELLINI, et al., Chem. Biol. (1998), pp. 299-306, 5 (6).	
		JI, et al., Yaoxue Xuebao (1998), pp. 72-74, 33 (1).	
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		KURODA, et al., J. Org. Chem. (1996), pp. 9560-9563, 61 (26).	
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		LAPKIN, et al., Zh. Org. Khim. (1972), pp. 292-3, 8 (2).	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 13

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Application Number	09/980,405
Filing Date	11-30-2001
First Named Inventor	Youngquist
Group Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9012

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		VASILEVSKAYA, et al., Zh. Org. Khim. (1970), pp. 126-32, 6 (1).	
		YOSHIHARA, et al., Bioorg. Med. Chem. (1998), pp. 1179-1183, 6 (8).	
		DEMBRI, et al., Mol. Cell. Endocrinol. (1984), pp. 223-32, 37 (2).	
		CODY, et al., Acta Crystallogr., Sect. B (1982), pp. 2270-2, B38 (8).	
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Sheet 5 of 13

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		FLETCHER, et al., Organohalogen Compd. (1993), 12 (Dioxin '93, 13th International Symposium on Chlorinated Dioxins and Related Compounds, 1993), pp. 103-6.	
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		AURELL, et al., J. Nat. Prod. (1989), pp. 852-7, 52 (4).	

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Sheet 6 of 13

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		COMBER, et al., J. Chem. Soc., Perkin Trans. 1 (1989), pp. 441-8, (3).	
		SANT'ANA, et al., F.E.C.S. Int. Conf. Chem. Biotechnol. Biol. Act. Nat. Prod., [Proc.] 3rd (1987), Meeting Date 1985, Volume 4, pp. 363-6.	
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		AHLUWALIA, et al., Monatsh. Chem. (1985), pp. 869-72, 116 (6-7).	
		PULGARIN, et al., Helv. Chim. ACTA (1985), pp. 945-8, 68 (4).	
		PLATTNER, et al., Diuretics: Chem., Pharmacol., Clin. Appl., Proc. Int. Conf. Diuretics, 1st (1984), pp. 21-9.	

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Signature

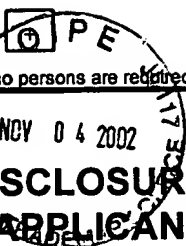
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Sheet 7 of 13

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		TANAKA, et al., Chem. Pharm. Bull. (1984), pp. 2676-86, 32 (7).	
		DEMBRI, et al., Mol. Cell. Endocrinol (1984), pp. 223-32, 37 (2).	
		MAHANDRU, et al., J. Chem. Soc., Perkin Trans. 1 (1983), pp. 2249-51, (9).	
		MAHANDRU, et al., J. Chem. Soc., Perkin Trans. 1 (1983), pp. 413-16, (2).	
		RUMINSKI, Chem. Ber. (1983), pp. 970-9, 116 (3).	
		CODY, Acta Crystallogr, Sect. B (1982), B38(8), 2270-2.	
		SHAPIRO, et al., J. Protozool. (1982), pp. 85-90, 29 (1).	
		MALHOTRA, et al., Indian J. Chem., Sect. B (1982), pp. 107-8, 21B (2)	

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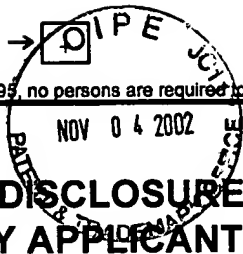
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8 of 13

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Application Number	09/980,405
Filing Date	11-30-2001
First Named Inventor	Youngquist
Group Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9012

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BASLAS, et al., Acta Cienc. Indica, [Ser.] Chem. (1981), pp. 31-4, 7 (1-4).	
		SARGENT, J. Chem. Soc., Perkin Trans. 1 (1982), pp. 403-11, (2).	
		CULLEN, et al., Aust. J. Chem. (1981), pp. 2701-3, 34 (12).	
		FUJITA, et al., Phytochemistry (1981), pp. 2183-5, 20 (9).	
		CORREA, et al., Phytochemistry (1981), pp. 305-7, 20 (2).	
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		FINLAY-JONES, et al., J. Chem. Soc., Perkin Trans. 1 (1981), pp. 874-6, (3).	
		SALA, et al., J. Chem. Soc., Perkin Trans. 1 (1981), pp. 855-69, (3).	
		COTTERILL, et al., J. Chem. Soc., Perkin Transd. 1 (1980), pp. 2353-7, (11).	

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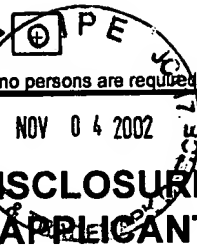
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (us as many sheets as necessary)				Application Number	09/980,405
				Filing Date	11-30-2001
				First Named Inventor	Youngquist
				Group Art Unit	
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	092271-9012
Sheet	9	of	13		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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		DANILENKO, et al., Izv. Akad. Nauk SSSR, Ser. Khim. (1980), pp. 1606-11, (7).	
		FUJITA, et al., Chem. Pharm. Bull. (1980), pp.2482-6, 28 (8).	
		FITZPATRICK, et al., J. Chem. Soc., Perkin Trans. 1 (1980), pp. 85-9, (1).	
		SUNDHOLM, Acta Chem. Scand., Ser. B (1979), pp. 475-82, B33 (7).	
		SATO, et al., Symp. Pap. - IUPAC Int. Symp. Chem. Nat. Prod., 11th (1978), Volume 1, pp.175-8.	
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		BASLAS, et al., Curr. Sci. (1979, pp. 814-15, 48 (18).	
		ZHARKOVA, et al., Rev. Phys. Appl. (1979), pp. 555-8, 14 (4).	
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		SALA, et al., J. Chem. Soc., Chem. Commun. (1978), pp. 1043-4, (23).	
		FERINGA, et al., Bioorg. Chem. (1978), pp. 397-498, 7 (4).	

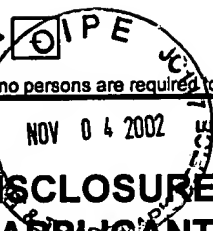
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 10 of 13

Complete if Known

Application Number	09/980,405
Filing Date	11-30-2001
First Named Inventor	Youngquist
Group Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9012

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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		SATO, et al., Tennen Yuki Kagobutsu Toronkai Koen Yoshishu, 21st (1978), pp.152-8; Publisher Hokkaido Daizoku, Sapporo, Japan.	
		SUNDHOLM, Tetrahedron (1978), pp. 577-86 34 (5).	
		PRASHAD, et al., Indian J. Chem., Sect. B (1978), pp. 142-3, 16B (2).	
		SATO, et al., J. Chem. Soc., Chem. Commun. (1978), pp. 135-6, (3).	
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		BROADHURST, et al., J. Chem. Soc., Perkin Trans. 1 (1977), pp. 2502-12, (22).	
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		UEDA, et al., Bull. Chem. Soc. Jpn. (1977), pp. 193-6, 50 (1).	
		SARGENT, et al., Aust. J. Chem. (1976), pp. 2263-9, 29 (10).	

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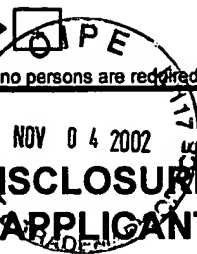
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			Filing Date	11-30-2001
			First Named Inventor	Youngquist
			Group Art Unit	
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	092271-9012
Sheet	11	of	13	

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		HARRIS, J. Am. Chem. Soc. (1976), pp. 5380-6, 98 (17).	
		SARGENT, et al., Aust. J. Chem. (1976), pp. 907-14, 29 (4).	
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		HOLLOWAY, et al., Phytochemistry (1975), pp. 2517-18, 14 (11).	
		OWEN, et al., J. Chem. Soc., Perkin Trans. 1 (1975) pp. 1380-6, (14).	
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		GHOSAL, et al., J. Chem. Soc., Perkin Trans. 1 (1974), pp. 2538-41, (22).	
		HASSALL, et al., J. Chem. Soc., Perkin Trans. 1 (1973), pp. 2853-61, (23).	
		SARGENT, Can. J. Chem. (1973), pp. 4088-9, 51 (24).	
		QUILLINAN, et al., J. Chem. Soc., Perkin Trans. 1 (1973), pp. 1329-37, (13).	
		HENDRICKSON, et al., J. Amer. Chem. Soc. (1972), pp. 6834-43, 94 (19).	

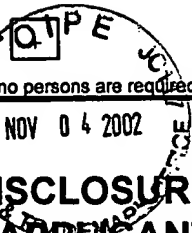
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Application Number	09/980,405
Filing Date	11-30-2001
First Named Inventor	Youngquist
Group Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9012

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		KOCH, Angew. Makromol. Chem. (1971), pp. 21-33, 20.	
		ISAKA, et al. Yakugaku Zasshi (1971), pp. 1027-9, 91 (9).	
		LUBENETS, et al., Zh. Org. Khim. (1971), pp. 805-12, 7 (4).	
		NEWMAN, J. Heterocycl. Chem. (1970), pp. 957-8, 7 (4).	
		LUBENETS, et al., Zh. Org. Khim. (1970), pp. 365-8, 6 (2).	
		SARGENT, et al., J. Chem. Soc. C (1969), pp. 2763-7, (19).	
		FINDLAY, et al., J. Chem. Soc. C (1969), pp. 2761-2, (19).	
		NEWMAN, J. Org. Chem. (1969), pp. 1463-5, 34 (5).	

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				Filing Date	11-30-2001
				First Named Inventor	Youngquist
				Group Art Unit	
				Examiner Name	Not Yet Assigned
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Sheet	13	of	13		

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		LAUER, et al., Chem. Ber. (1969), pp. 1631-40, 102 (5).	
		KAMIKURA, Shokuhin Eiseigaku Zasshi (1968), pp. 348-57, 9 (5).	
		ATKINSON, et al., J. Chem. Soc. C (1969), pp. 281-7, (2).	
		CHAMBERS, et al., Tetrahedron (1969), pp. 565-72, 25 (3).	
		SEGAL, et al., J. Pharm. Sci. (1968), pp. 874-6, 57 (5).	
		SEIKEL, et al., Tetrahedron (1968), pp. 1475-88, 24 (3).	
		ISAKA, et al., Yakugaku Zasshi (1967), pp. 1288-9, 87 (10).	
		OKUDA, et al., Yakugaku Zasshi (1967), pp. 1003-5, 87 (8).	
		LOCKSLEY, et al., Tetrahedron (1967), pp. 2229-34, 23 (5).	
		BROWN, Bull. Natl. Inst. Sci. India (1965), No. 31, pp. 167-78.	

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